



May 29, 2008

**VIA OVERNIGHT MAIL**

Mr. Charlie Goff  
Senior Energy and Climate Change Analyst  
Natural Gas STAR Program  
Eastern Research Group  
2300 Wilson Boulevard, Suite 350  
Arlington, VA 22201-5436

Re: Quicksilver Resources Inc.  
2007 Annual Report

Dear Mr. Goff:

Enclosed is our STAR Program 2007 Annual Report. I apologize for filing late. If you have any questions, please feel free to call.

Sincerely,

  
Maggie Adlin  
Environmental Assistant

Enclosure

6/14/08 - [initials]  
-entire int. STAR  
6/13/08 QA/ac -DF

# Annual Report 2007



**Production  
Sector**

## Company Information

Company Name: Quicksilver Resources Inc.  
 Gas STAR Contact: Maggie Aclin  
 Title: Environmental Assistant  
 Address: 777 West Rosedale  
Suite 300  
 City, State, Zip Code: Fort Worth, TX 76104  
 Telephone: 817-665-4975  
 Fax: 817-665-5009  
 E-mail: maclin@qrinc.com

## Annual Report Summary

- ☐ BMP 1: Identify and replace high-bleed pneumatic devices  
☐ BMP 2: Install flash tank separators on glycol dehydrators  
☒ Partner Reported Opportunities (*please specify*):  
Vapor Recovery Unit (on-going)

Period covered by report: From: 1/1/07 To: 12/31/07

Signature:

*Maggie Aclin*

Date:

*5/29/08*

- Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.
- In addition to reporting methane emissions reductions, you are welcome to include other information about your company's participation in Natural Gas STAR in the "Additional Program Accomplishments" section of this form. The Natural Gas STAR Program will use any information entered in this section to recognize the efforts and accomplishments of outstanding partners.



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### Partner Reported Opportunities (PROs) (For more details on PROs, visit [epa.gov/gasstar/techprac.htm](http://epa.gov/gasstar/techprac.htm))

#### Current Year Activities

A. Facility/location identifier information: Cowtown Gas Processing Plant

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Install VRU

Please describe how your company implemented this activity:

C. Level of Implementation (check one):

- ☐ Number of units installed: \_\_\_\_\_ units  
☐ Frequency of practice: \_\_\_\_\_ times/year

E. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☐ Multi-year

If Multi-year:

- ☐ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration\*.  
☒ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction: 89,796 Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ \_\_\_\_\_

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☒ Actual field measurement ☐ Other (please specify): \_\_\_\_\_  
☐ Calculation using manufacturer specifications/other source

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Gas STAR Emission Reduction Quantification Reference Guide, available on the Gas STAR Web site at: [epa.gov/gasstar/docs/quantifying\\_ngs\\_methane\\_reductions.xls](http://epa.gov/gasstar/docs/quantifying_ngs_methane_reductions.xls).

G. Total value of gas saved: \$628,572

Total value of gas saved = Methane emissions reduction (in Mcf)  
x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?

#### Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

\* Because the implementation of some technologies reduces emissions for multiple years, Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission



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### Additional Program Accomplishments

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The Natural Gas STAR Program will use any information entered here to recognize the efforts and achievements of outstanding partners.

Please include any additional information you would like to share about your company's participation in Natural Gas STAR. Examples may include:

- Activities to strengthen your program (e.g., training/education, innovative technologies or activities, pilot projects, employee incentive programs).
  - Efforts to communicate your participation and successes (e.g., internal newsletters, press releases, company Web site).
  - Participation in Natural Gas STAR program activities (e.g., contributions to case studies, presentation at annual workshop).
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#### Additional Accomplishments:

- Annual pipeline leak inspection;
- Annual valve inspection (pipe to soil reading);
- Semi-annual release valve testing;
- Quarterly inspection of road and railroad crossing areas;
- Monthly rectifier readings;
- Every 3 years atmospheric corrosion survey (2007); and
- Every two week aerial liquid line inspection

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**Additional Accomplishments Comments:** *Please use the back of the page for additional space if needed.*